

MUSKAN KUSHWAHA

Bengaluru, Karnataka, India

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PROFESSIONAL SUMMARY

B.E. Computer Science graduate (2024) with hands-on experience in backend systems, distributed architecture, scalable API design, and DevOps fundamentals. Proficient in Java, Python, and shell scripting with strong debugging and system troubleshooting skills. Knowledgeable in GCP, CI/CD, and modern software development practices. Eager to contribute to highly available, scalable platforms in agile development environments.

SKILLS

- **Leadership & Management:** Strategic planning, team leadership, cross functional collaboration, problem-solving, adaptability, effective communication, project management.
- **Software Development:** Full - Stack development, cloud-native applications, frontend development, API integration, backend development, familiarity with modern frameworks and libraries, agile methodologies.

TECHNICAL ACUMEN

- **Programming Languages:** Java, Python, JavaScript, SQL.
- **Frameworks & Libraries:** Spring Boot, Express.js, REST APIs, Hibernate,HTML5, CSS3, JavaScript, ReactJS.
- **Databases & Data Management:** PostgreSQL, MySQL, Oracle, MongoDB, Flask (basic), CLI tools, CRUD operations.
- **Cloud & Infrastructure:** AWS, GCP, Docker (basic), Kubernetes (basic), CI/CD.
- **Tools & Platforms:** Git, GitHub, Jenkins, Maven, IntelliJ, Eclipse, VS Code.
- **Methodologies:** Agile practices, Test-Driven Development (TDD),Secure Coding, Code Reviews, Debugging.

PROJECTS

Book Review API | Node.js, Express.js, MongoDB

May, 2025 – June, 2025

- A RESTful API designed to manage book reviews, enabling user authentication, secure routing, and CRUD operations for books and reviews.
- Built using Node.js, Express.js, and MongoDB with Mongoose schema validation and JWT-based authentication to ensure modular design and secure access.

COVID-19 Predictor | Python, Flask, OpenCV, AI, ML

March, 2023 – November, 2023

- An AI-based predictive model designed to identify COVID-19 in patients, enhancing early diagnosis and improving healthcare efficiency.
- Implemented supervised machine learning techniques like Random Forests, Support Vector Machines, and Artificial Neural Networks to evaluate model accuracy and determine feature significance.

Hospital Management system | HTML, CSS, JavaScript, SQL

February, 2022 – September, 2022

- A web-based Hospital Management System designed to streamline patient records, doctor assignments, and hospital administration while providing remote access to medical reports.
- Built using HTML, CSS, JavaScript, PHP, and MySQL to ensure secure data storage, efficient retrieval, and a user-friendly experience for both patients and healthcare professionals.

CERTIFICATIONS

- Wireless Evolution and 4G LTE Overview – Infosys
- Computer Vision for Engineering and Science – Coursera
- AWS Cloud Solutions Architect – Coursera
- Software Testing – NPTEL

AWARDS/EXTRACURRICULAR ACHIEVEMENTS

- Engaged in JP Morgan Chase Software Engineering Virtual Internship, implementing financial data analysis tools.
- **Recognized achiever in Google Cloud programs:** Completed 100% badges in Google Cloud Ready Facilitator Program 2022, and currently advancing skills through Google Gen AI Program.
- **Java Programming:** 5-Star Rating on HackerRank (2024).

EDUCATION

- **Chandigarh University, Mohali (Punjab)**
Bachelors of Engineering - Computer Science and Engineering | **CGPA: 7.54**

August, 2020 – June, 2024